AJAY VISHWAKARMA

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Education

Vellore Institute of Technology, Bhopal, Madhya Pradesh	**June 2021 − Present**
Integrated M.Tech in Computer Science (Cyber Security)	*CGPA: 8.74/10*
Govt Boys H S School, Susner, Agar Malwa, Madhya Pradesh	**May 2021**
MPBSE 12th Standard	*Percentage: 95.6%*
Govt Boys H S School, Susner, Agar Malwa, Madhya Pradesh	**May 2019**
MPBSE 10th Standard	*Percentage: 95.2%*

Projects

CloudyBites: The Dish Picker | *React.js, Node.js, Express.js* **December 2024 - January 2025**

- Engineered a weather-driven food recommendation platform by integrating real-time location data through API connections, boosting user engagement by 30%.
- Designed a responsive frontend using React, Tailwind CSS, and Framer Motion, achieving 95% cross-device compatibility and improving user experience.
- Implemented a scalable backend with Node.js and Express.js, leveraging real-time weather APIs to process 500+ data points per minute and map insights to 20+ food preferences for accurate recommendations.

FindMyRoomie | *MERN Stack (MongoDB, Express.js, React, Node.js)* **August 2024 − November 2024**

- Created an intelligent roommate-matching platform with JWT authentication, profile management, and an interest-based search algorithm.
- Built a RESTful API with Express.js and MongoDB, ensuring secure authentication and smooth data handling.
- Enhanced system performance by optimizing database queries and API responses, reducing latency by 30%.

Apni Malwi Sanskriti | *React, MongoDB, Express.js, Node.js., JavaScript* **February 2024 - April 2024**

- Engineered a full-stack website to showcase culture, upcoming events, and community engagement. Empowered users to contribute community blogs, fostering a dynamic exchange of experiences and insights.
- Implemented a blogging feature, enabling users to share experiences, insights, and community stories.
- Designed an intuitive UI/UX for seamless navigation, event updates, and interactive community engagement.

Technical Skills

- **Programming Languages:** : **Java**, Python, JavaScript, c++, SQL.
- **Technologies Frameworks:** HTML, CSS, React.js, Node.js, Express.js, MongoDB, Tailwind CSS.
- **Coursework / Skills**: DSA, Oops Concepts, Computer Networks, DBMS, OS Software Development Life Cycle (SDLC).
- **Tools:** VS Code, Postman, Git, GitHub.

Extra-Curricular Activities & Achievements

- Awarded with **100%** Scholarship to pursue Integrated M. Tech under **"STARS SCHEME"** in VIT - Bhopal.
- Secured two times **2nd** rank in Madhya Pradesh Swasthya Gyan Compition at **State Level**.
- **Winner** of AdVITya: Kabaddi Game, April 2023.
- Solved **500+** problems on LeetCode, achieving a global rank of **117k**.
- Tackled **400+** problems on GeeksforGeeks, securing university rank within the top **75**.

Additional Information

- **Hobbies:** Cooking, Playing Cricket and Kabaddi
- **Languages:** English (Professional), Hindi (Native), Malwee(Native).
- **Certifications:**
  The Bits and Bytes of Computer Networking, Coursera, January 2023.
  Frontend Development with React, Coursera, February 2025.
  Postman API Fundamentals Student Expert (PostMan), July 2024